

SYSTEM AND METHOD FOR DYNAMIC ESD PROTECTION

ABSTRACT OF THE DISCLOSURE

A system and method for dynamically protecting a vulnerable device from an ESD event includes an ESD event sensor and a breakdown voltage adjustment circuit. The ESD event sensor detects an ESD event and provides a signal to the breakdown voltage adjustment circuit indicating that an ESD event has occurred. The breakdown voltage adjustment circuit receives the signal from the ESD event sensor and adjusts the breakdown voltage of the vulnerable device during the ESD event.